5.0   GCCS USER INTERFACE

The initial user actions required to interface with GCCS are described in Section 3.1. New users should contact the GCCS Site System Administrator (SSA) before attempting to use the GCCS workstation. The workstation should already be set up and configured with the correct software needed to use GCCS. The workstation uses an X-Windows protocol to connect to and access the GCCS applications (this explains the term X-terminal). Many workstations will be Sun clients e.g., SPARC 5s, with the Solaris 2.3 operating system. Others will be HP clients with the HP 9.0 operating system. Some clients will be DOS-based Personal Computers (PCs).[1] Workstation users will either have a GUI or a text-based interface depending on the technical capabilities of the platform being used. More information on GUI versus text interface to JOPES Core applications in GCCS can be found in the *JOPES Users's Guide Update*. Discussion in this handbook refers to the GUI interface and the various windows seen by the user.

Section 3.1 briefly discussed the GCCS Main Window. The *GCCS System User's Manual* contains excellent discussion of this window, its menus, and the desktop functions invoked by double clicking on the appropriate icon in the main launch window. That discussion is provided for user convenience in Appendix B of this handbook.

NOTE: Not all menus, menu items, or icons that launch functions are available to everyone. Some are restricted to administrators (such as the CONTROL function) or may only share partial use with general GCCS users (such as the **DDN Host Table** item on the **COMMS** menu). Such cases are noted in the discussion in Appendix B. Handbook users may want to refer back to Figure 3-4, Sample GCCS Main Window, when using Appendix B.

Printers can prove troublesome in client/server environments running over a LAN, especially when operators are inexperienced. Users should note that printing is done from within some applications. Also, as outlined in Appendix B (Subsection B.1.5.7), selecting the **Printer Chooser** option from the MISC menu of the GCCS Main Window allows the user to assign a default printer and monitor the print queue. Users experiencing printer problems should seek assistance from the Site Administrator.

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[1]   In the past, TCP/IP was only available for use with UNIX workstations and mainframes. Now most popular desktop Operating Systems and platforms can use TCP/IP. PC X-Servers are also available to work with TCP/IP and allow PCS to display X-Windows based applications running on UNIX workstations. This allows users to use their PCS for other purposes and not have to use a UNIX platform. GCCS exploits this capability and several PC X-Server and TCP/IP packages have been evaluated and approved for use on the various types of workstations used in GCCS.